Work Order Wednesday, Febru			M											Page 1
Item ID: D Revision ID:	03529-1				. A	Accept					S	Setup St		
	Bearpaw											S	top	
	/23/2011	Start Qty:						Cust Item I	D:					
Required Date: 3. Reference:	/4/2011	Req'd Qty	: 4.00					Customer:						
Approvals:	Process Pla	n: C	<u>z</u>	Date:	11102/23	Tooling:		Da	ıte:		F		4	
(QC:			Date:		SPC (Y/N):		Da	ite:			3	top	
Sequence ID/ Work Center ID		Operation Description	ı			Set Up/ Run Hours	3	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr			***************************************			··· —··· —·						
D3529	Rev	A		•										
110 ایموء	.	FLOW WATE	R JET			0.00					572 is	-3-1		
Waterjet			lemo			0.00						- 3-1		
FLOW CNC Waterjet		С	UT BLANI	K AS PER FI	LE D3529-1BI	LANK							4)
120		HAAS CNC V	ERTICAL	MACHININ	G#1	0.00								
HAAS I	Λ		emo			0.00								
HAAS CNC verifical m	nachine #/	1- Fo	Inspect ma blio FA645	terial for defi and Dwg D3	ects or damage 529□3-Deburr	prior to machining	□2-Machine	as per	11/03/	14	5)		TO >
	7 1	QC2- Inspect	oarts off ma	achine FAI/F	AIB	0.00	. 1	ul - 11.1			5			
QC Quality Control		М	emo			0.00	سال	11/03/14						

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
					i i							
:												
L												

NCR: Yes No DQA: _/

QA: N/C Closed:

Date: //نگزر

Part No: 03529-1 PAR #: Fault Category: Unellining

Resolution: 3cvw

WORK ORDER NON-CONFORMANCE (NCR) NCR: 66646 **Corrective Action** Section B **Description of NC** Verification **Approval Approval** DATE STEP Sign & Initial **Action Description** QC Inspector Section A Section C Chief Eng Chief Eng Date Chief Eng deep marks in 120 11/03/15 serviced-105104<u>2</u> - fecul on their log that muchice has been sometimed

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 66646

Wednesday, February 23, 2011 1:08:33 PM



Page 2

Item ID:

D3529-1

Accept



Setup Start



Revision ID:

Item Name:

Bearpaw

Start Date:

Required Date: 3/4/2011

2/23/2011

QC:

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run

Start Stop

Stop



Sequence ID/ **Work Center ID**

140

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

Set Up/ **Run Hours**

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Reject Number

Insp. Stamp

Qty

150

Packaging Packaging

Identify as per dwg & Stock Location:___

Memo

PPP 66696

160

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANGE	ES				
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								1	
Part No: PAR #:		Fault Categ	jory:	NCR: Yes No DQA: Date:					
	Re	esolution:	Disposition	l:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	R)			
DATE	OTED	Description of NC	Corrective Action Section B			Verifi	ication Approval		Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Sect	ion C	Chief Eng	QC Inspector

NOTE: Date & initial all entries

Picklist Print

Wednesday, February 23, 2011 1:08:28 PM

Work Order ID: 66646

Parent Item: D3529-1

Parent Item Name: Bearpaw



Start Date: 2/23/2011

Required Date: 3/4/2011

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A New Issue 06-06-28 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure		Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MUHMWB10		Purchased	No			100	sf	368.1000	1.265	5.326316 [Bil-	-3-1		
				Location		Loc (Qt <u>y</u>	Loc Code				-	
				MAT		. 3	68.1					14	1
					115955		38.8		_			(1)
					116554	1	08.3						
					116796		18		<u> 1</u>	16796			
					116797		203						

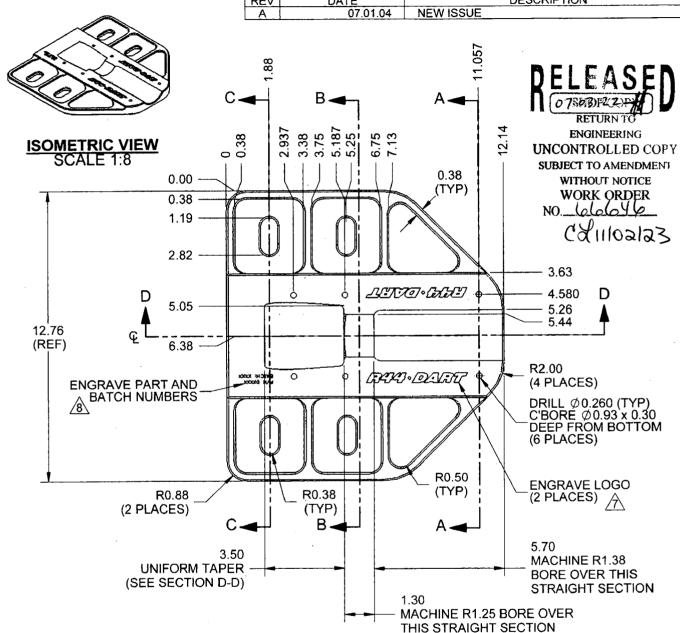
Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANG	GES				 			
DATE	STEP	PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
	:											
·					i i							
Part No	•	DAR #·	Fault Cateo	lony:	NCR.	Vas N	lo DO	۸-	Date:			
					QA: N/C Closed:							
NCR:		\	WORK ORDE	R NON-CONFORM	ANCE (NCR)						
DATE	STEP	Description of NC	Corrective Action Section B			o	Verific		Approval	Approval		
DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	,	Sign & Date	Secti	on C	Chief Eng	QC Inspector		
;									i			

NOTE: Date & initial all entries







D3529-1 R44 BEARPAW

NOTES:

- 1) MATERIAL: UHMW BLACK PER SPEC CONTROL DRAWING D2689, 1.00 THICK (MACHINE TO 0.950)
- FINISH: NONE
- 3) PART IS SYMMETRIC ABOUT Q
 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 5) ALL DIMENSIONS ARE IN INCHES

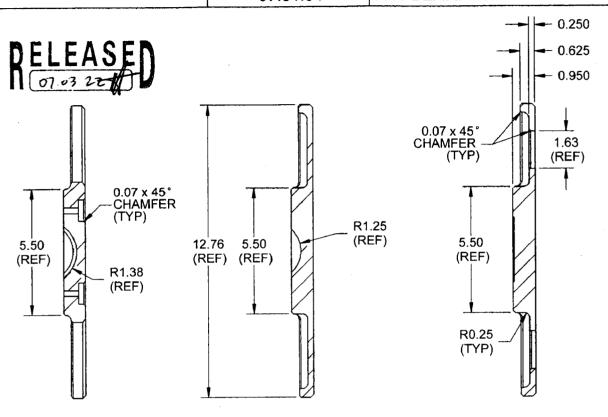
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX 7) ENGRAVE LOGO TO MAX DEPTH OF 0.012 AT LOCATION SHOWN 8) ENGRAVE PART AND BATCH NUMBERS TO MAX DEPTH OF 0.010 AT LOCATION SHOWN

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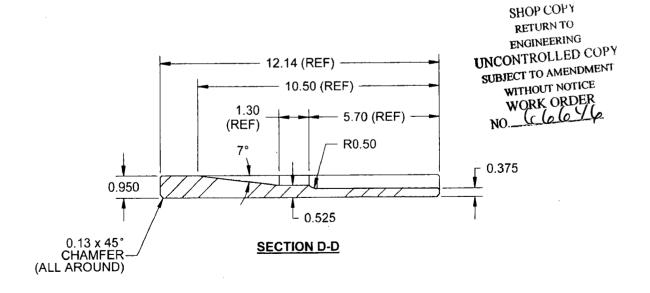
DESIGN CB	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA					
CHECKED	APPROVED	D3529	REV. A SHEET 2 OF 2				
DATE 07	.01.04	TITLE R44 BEARPAW	SCALE 1:4				



SECTION A-A

SECTION B-B

SECTION C-C



DART AEROSPACE LTD	Work Order:	66646
Description: Bearpaw	Part Number:	D3529-1
Inspection Dwg: D3529 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Inspection Sheet Drawing Dimension		Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Α	5.50	+/-0.030	5.505			1011 JL3	
В	0.07 x 45°	+/-0.030 x 0.5°	.07x45°			<i>ب</i>	
С	R0.25	+/-0.030	250			R-G	
D	0.250	+/-0.010	-245	//	L	~	
Е	0.625	+/-0.010	.624			_	
F	0.950	+/-0.010	. 947			-	
G	1.63	+/-0.030	1.620			,	
Н	12.14	+/-0.030	12.14			mtare	
ı						U	
J	5.70	+/-0.030	5.70	/		_	
K	0.375	+/-0.010	.378			~	
L	0.525	+/-0.010	.525			mic 118-120	
М	0.13 x 45°	+/-0.030 x 0.5°	150x450			,	
N	R0.50	+/-0.030	.50			R-G	
0	12.76	+/-0.030	12.760			mstape.	
Р	3.38	+/-0.030	3.348			1 ~	
Q	3.75	+/-0.030	3.152	/		\	
R	5.187	+/-0.010	5.188	/		~	
S	5.25	+/-0.030	5,250	/			
Τ	7.13	+/-0.030	7.131	/		Vein (NC-02	
Ü	Ø0.260	+0.006/-0.001	,260	/		^	
V	0.30	+/-0.030	.312	/		,	
٧	0.93	+/-0.030	- 924	/		~	
X	1.30	+/-0.030	130	/		•	

Measured by:	Audited by: K.A	Prototype Approval:	N/A
Date: 1103/14	Date: 11/03/15	Date:	N/A

	Rev	Date	Change	Revised by	Approved
	A	07.05.01	New Issue	KJ/JLM 1,A	
Ī	В	08.05.06	Dimension I removed	KJ/DD 🛠	<i>X</i>
				17	•